The *Canadian Veterinary Journal*
Volume 44
January to December 2003

Author Index

La Revue vétérinaire canadienne
Volume 44
janvier à décembre 2003

Index des auteurs

A
Abutarbush, Sameeh M., 738, 1005
Adogwa, Andrew, 56
Agla, Sandy, 107
Alexander, Suzanne D., 987
Allen, Andrew L., 509, 684
Almond, Glen W., 31
Alva, Roberto, 581
Anderson, Maureen E.C., 299
Appelt, Martin, 667
Armstrong, Julie, 483
Arroyo, Luis, 212
Ausman, Brian, 83

B
Babkine, Marie, 399
Bahr, Robert J., 824
Bailey, Jeremy V., 1005
Baird, John D., 469
Barkema, Herman W., 312
Beauchamp, Guy, 474, 816
Belli, Carla B., 835
Benesi, Fernando J., 835
Berg, John, 232
Berry, Michelle L., 657
Bihr, Tanja P., 65
Biller, Barbara, 293
Black, William D., 297
Blas-Machado, Uriel, 657
Boermans, Herman, 898
Bohaychuk, Valerie, 723
Booker, Calvin W., 43
Boria, Pedro A., 232
Bouchard, Émile, 907
Bourque, Andrea, 984
Brereton, Donald A., 51
Brocklebank, John, 486
Bruce, Marian, 754
Bryant, Jeffrey, 51
Buote, Melanie, 746
Burke, Julie, 238
Butler, Daniel G., 380
Butt, Tory D., 586

C
Campbell, John, 732
Caporali, Evelyn H.G., 597
Carioto, Lisa, 654
Carman, Susy, 649
Caron, Isabelle, 654
Carruthers, Terry, 125
Caswell, Jeff L., 137
Caulkett, Nigel, 565, 643
Cazabon, Edward P.I., 5
Cécyre, Dominique, 816
Charest, Julie, 407
Choi, Young Ki, 735
Clark, Zoe, 921
Clarke, Robert, 832
Cleland, Sally L., 864
Clooten, Jennifer K., 480
Copeland, Shelagh, 830
Corbin, Alena, 667
Crawshaw, Graham J., 827
Cruz, Mariângela, L., 933
Cullen, Cheryl L., 245, 427, 603, 761, 935
Curtin, Donna Judy E., 589
Curtis, Robert, 754

D
Daignault, Danielle, 217
Damant, Angela, 863
Davidson, Harriet J., 577
De Lorimier, Louis-Phillippe, 987
Deckert, Anne, 723
DeLay, Josepha, 469
DesCôteaux, Luc, 816
Dewey, Cate, 649
Diehl, Garcea, 783
Dingwell, Randy T., 413
Dionne, Rachel, 581
Dobson, Howard, 484
Doonan, Gordon, 667
Doucet, Michèle, 581
Drost, William Tod, 824
Dubreuil, Pascal, 399
Duchateau, Luc, 305
Duncan, Kathy, 363
Dunn, Danielle, 601
Dupuis, Jacques, 407, 474
Durzi, Tiffany, 898
Dutil, Lucie, 907
DuTremblay, Denis, 907

E
Elsener, Johanne, 816
Ericsson, Glenn, 581

F
Fan, Timothy M., 987
Favrin, Michael G., 974
Fecteau, Gilles, 907
Fenton, Anita C., 918
Ferreira, Helena, 914
Filteau, Virginie, 907
Fowler, David, 565, 643

G
Gajadhar, Alvin, 732
Gallant, Mel, 754
Gaughan, Earl M., 392
Gelens, Hans, 216
Gill, Colin O., 51
Gorondy, Denise A., 392
Gottschalk, Marcelo, 217
Goyal, Sagar M., 735
Grahn, Bruce H., 245, 427, 603, 761, 935
Greco, Deborah S., 293
Grenn, Harvey, 680, 1008
Guévremont, Evelyne, 217
Guichon, P. Timothy, 43
Guillemette, Jean-Marc, 217

H
Hanna, Paul E., 601
Harasen, Greg, 71, 154, 333, 503, 673, 845, 1010
Hare, Doug, 101, 271, 447, 621, 781, 949
Haydock, Debra, 828
Hedrick, Ronald, 327
Henry, Justine, 327
Hewson, Caroline J., 335, 496, 749, 1000
Higgins, Robert, 217, 978
Hill, Bruce W., 43
Hoff, Brent, 898, 974
Hogge, Steve, 392
Holmes, Layne C., 392
Houston, Doreen M., 974
Hutchings, Shelley M., 418
Hutchison, J.A., 953

I
Ikede, Basil, 754
Inaba, Toshio, 416
Irwin, Rebecca, 723
Isakow, Kevin, 643

J
Jenson, Chris, 315
Jeroski, Amanda, 62
Jim, G. Kee, 43
Joffe, Daniel, 449, 783
Johnson, Walter, 332
Joo, Han Soo, 735
Josephson, Gaylan, 649

K
Kahn, Sarah, 832
Kastelic, John P., 125
Kawate, Noritoshi, 416
Kelton, David Francis, 977
Kenney, Daniel G., 469
Klashinsky, Sandy, 723
Kramek, Betty A., 822

L
Landals, Duane, 701, 861, 865
Lanevschi-Pietersma, Anne, 663
Langlais, Louise, 682

Langs, Lisa, 898
Lavoie, Jean-Pierre, 978
Leal, Marta L.R., 835
Lees, V. Wayne, 830
Leighton, F.A., 897
Leslie, Ken E., 413
Lewis, Susan, 420
Lofstedt, Jeanne, 5, 183, 359, 533, 864
Long, Raymond, 754
Lopez, Alfonso, 754
Loste, Araceli, 140
Lourenço, Maria Lucia Gomes, 914
Lowe, Andrew, 299
Lulai, Clarice, 364

M
MacDougall, Lori D., 227
MacMillan, Karen L., 490
MacNaughton, Sarah M., 142
Magar, Ronald, 1006
Malatestinic, Andrea, 664
Mamprim, Maria J., 597
Manninen, Ken, 221, 230, 723
Mapletoft, Reuben J., 125
Marca, M. Carmen, 140
Marryatt, Paige A., 743
Martin, Sarah, 493
Martin, Melanie, 660
Martineau, Mireille, 9
Martínez, Marcelo F., 125
McClure, J.T., 312, 984
McElwain, Terry F., 832
McEwen, Beverly, 649
McEwen, Scott, 723
McFall, Margaret, 230
McIntosh, Kathy, 732
McKenna, Shawn L.B., 312
Mehren, Kay G., 591
Menzies, Paula, 275, 489, 898
Messier, Serge, 217
Milani, Myrna, 675, 838, 996
Miller, William H., Jr., 132, 273
Milstein, M., 273
Monteith, Gabrielle J., 299
Moore, Andrew E.P., 974
Moreau, Maxim, 407, 474
Muirhead, Tammy, 984

N
Nichi, Marcílo, 835
Nielsen, N. Ole, 67
Nunes, Adauto L.V., 933
Nykamp, Stephanie G., 137, 729

O
O'Donnell, Anne C., 229, 648
Ogilvie, Timothy, 754
Oke, Ray A., 145
Ollis, Gerald, 221
Orsborne, Les, 105

P
Pack, LeeAnn, 984
Paradis, Manon, 407, 474
Parent, Joane, 469
Parker, Sarah, 732
Parkinson, Robert, 315
Pasma, Tim, 649
Pasquinelli, Gianandrea, 132
Pender, Andrew B., 319
Peyrou, Mathieu, 978
Pfeifer, Renate M., 993
Plourde, Normand, 151
Poma, Roberto, 469
Potter, Andy, 723
Prescott, J.F., 986
Puente, Sharon (Howard), 240

R
Radostits, Otto M., 738
Rae, Darcy, 9
Rahel, Sheila C., 597, 933
Rajic, Andrijana, 315
Ralphs, S. Christopher, 822
Ramos, Juan José, 140
Raverty, Stephen, 327, 486
Rawluk, Shirley, 221
Read, Matt, 565
Refsal, Kent R., 407, 474
Ritchey, Jerry W., 824
Roberts, Douglas A., 109
Roberts, N. Elizabeth, 31
Robinson, John, 486
Rogers, Laura A., 312
Rollin, Bernard E., 11, 107, 189, 276, 363, 449, 537, 624, 703, 787, 867, 954, 955
Ross, Jeremy, 59
Rouleau, Guylaine, 399
Rousseau, Pat, 830
Rubensohn, Mark, 159
Rumney, H.J., 954

S
Sáez, Teófilo, 140
Saksida, Sonja, 327
Sandwith, David, 191
Sargeant, Jan M., 413
Saunders, Jimmy H., 305
Sauvé, Frédéric, 407, 474
Sawada, Tsutomu, 416
Schatzberg, Scott J., 729
Schukken, Ynte H., 413
Schunicht, Oliver C., 43
Scott, Danny W., 132, 273
Scrivani, Peter V., 729
Sever, Ramón, 140
Shoemaker, Ryan W., 1005
Simko, Elemir, 38
Sinclair, Melissa D., 885
Smith, Dale A., 235
Smith-Maxie, Laura, 469, 480
Sorensen, Ole, 221, 230
Southorn, Erin, 235
Spencer, J. Lloyd, 158
Spire, Mark F., 392
Stack, Suzanne, 159
Stæmpfli, Henry R., 469, 913
Steffey, Michele A., 729
Step, Douglas L., 824
Stogdale, Lea, 783
Stokka, Gerald L., 577
Storey, Eric S., 168, 245, 427
Störk, Christophe, 305
Stowe, J.D. (Jim), 502

T
Tait, John, 156, 330, 500, 758, 923
Tamada, Hiromichi, 416
Taylor, W. Michael, 235
Teixeira, Carlos R., 597, 933
Theoret, Christine, 144
Tieghi, Chiara, 132
Timms, Leo L., 413
Titcombe, Lianna, 989
Turner, Patricia, 155

V
Vallee, Ian K., 592
Van Boxtel, Sherry A., 147
van Bree, Henri, 305
Van Donkersgoed, Joyce, 723
Van Liew, Cammie H., 293
Van Lunen, Ted, 571
Viel, Laurent, 469
Vrins, André A., 581

W
Waldner, Cheryl, 565, 643
Webster, Cynthia R.L., 232
Weese, J. Scott, 212, 299, 469, 953, 982
Weissmann, Judith, 322
Welland, Lisa M., 740
Wellehan, James F.X., 235
Whiting, Terry, 11, 538, 805
Wilcock, Brian P., 38
Wildman, Brian K., 43
Wilson, David G., 586
Wolfe, Jessica, 189
Woods, J.P., 480
Wu, John, 221

Y
Yadernuk, Lisa M., 990
Yager, Julie A., 38
Yates, Bill, 101

The *Canadian Veterinary Journal*
Volume 44
January to December 2003

Subject Index

La Revue vétérinaire canadienne
Volume 44
janvier à décembre 2003

Index des sujets

Analgesia/analgesics
- A comparison of the analgesic effects of butorphanol with those of meloxicam after elective ovariohysterectomy in dogs, 565
- A review of the physiological effects of α_2-agonists related to the clinical use of medetomidine in small animal practice, 885
- An evaluation of the analgesic effects of meloxicam in addition to epidural morphine/mepivacaine in dogs undergoing cranial cruciate ligament repair, 643
- Effects of oral administration of meloxicam, carprofen, and a nutraceutical on thyroid function in dogs with osteoarthritis, 474

Anesthesia
- The effect of perineural anesthesia on infrared thermographic images of the forelimb digits of normal horses, 392

Animal health
- Comparison of a multivalent viral vaccine program versus a univalent viral vaccine program on animal health, feedlot performance, and carcass characteristic of feedlot calves, 43
- Health status and risk factors associated with failure of passive transfer of immunity in newborn beef calves in Québec, 907

Animal insurance
- Program ensures pets' well-being after owners are gone, 561
- West Nile virus insurance, 803

Animal welfare
- Animal welfare column launched, 288
- Animal welfare update, 290, 563
- Can we assess welfare? 749
- CCAC guidelines, 631
- Elastrator for older bulls [ethics], 624
- Fact over opinion [letter], 954
- Fact over opinion — A reply [letter], 954
- Focus on animal welfare, 335
- Foreign animal disease outbreaks, the animal welfare implications for Canada: Risks apparent from international experience, 805
- How might veterinarians do more for animal welfare? 1000
- News from Sir James Dunn Animal Welfare Centre, 564
- Nonambulatory livestock transport: The need for consensus, 667
- V is for veterinarian — Animal Health Week, 464, 554, 636, 719
- Veterinarians treating unowned animals and euthanizing unwanted animals [ethics], 363
- What is animal welfare? Common definitions and their practical consequences, 496
- Whether veterinarians should support activist groups, [ethics], 955

Antimicrobial resistance
- Antimicrobial susceptibility of hazard analysis critical control point *Escherichia coli* isolates from federally inspected beef processing plants in Alberta, Saskatchewan, and Ontario, 723
- Client seeking antibiotic in feed [ethics], 703
- Évolution de la résistance bactérienne envers certains agents antibactériens chez les chevaux dans un centre hospitalier vétérinaire, 978
- Growth performance of pigs fed diets with and without tylosin phosphate supplementation and reared in a biosecure all-in all-out housing system, 571

Aquaculture
- Diagnosis of sturgeon iridovirus infection in farmed white sturgeon in British Columbia, 327
- Mycobacteriosis in Atlantic salmon farmed in British Columbia, 486

Around the provinces
- 24, 205, 375, 466, 641, 880, 971

Article de revue
- 885

Assurance mortalité
- Assurance contre le virus du nil occidental, 803
- Le bien-être des animaux après le départ de leur maître, 561

Avian
- New turkey vaccine will allow birds to breathe easy, 117
- University of Minnesota researcher sequences turkey genome, 970

Aviaire
- Un chercheur de l'Université du Minnesota découvre la séquence du génome du dindon, 970
- Un nouveau vaccin aidera les dindons à mieux respirer, 117

Bacteriology
- Antimicrobial susceptibility of hazard analysis critical control point *Escherichia coli* isolates from federally inspected beef processing plants in Alberta, Saskatchewan, and Ontario, 723
- Bovine tuberculosis in elk (*Cervus elaphus manitobensis*) near Riding Mountain National Park, Manitoba, from 1992 to 2002, 830
- *Clostridium botulinum* type D intoxication in a dairy herd in Ontario, 493
- Evaluation of the California mastitis test to detect an intramammary infection with a major pathogen in early lactation dairy cows, 413
- Investigation of an anthrax outbreak in Alberta in 1999 using a geographic information system, 315
- Mycobacteriosis in Atlantic salmon farmed in British Columbia, 486
- *Mycobacterium paratuberculosis* in dairy herds in Alberta, 221
- Preliminary investigation of the probiotic potential of *Lactobacillus rhamnosus* strain GG in horses: fecal recovery following oral administration and safety, 299
- Prevalence of *Salmonella* in dairy herds in Alberta, 230
- Retrospective analysis of etiologic agents associated with respiratory diseases in pigs, 735
- Salmonellosis in a herd of beef cows, 319
- Serotypes of *Streptococcus agalactiae* cultured from dairy milk samples in Québec, 217
- Veterinary Microbiology and Microbial Disease, 986

Bien-être des animaux
- 335, 363, 624, 805
- Bien-être des animaux : quelques définitions courantes et leur incidences, 496
- Comment les vétérinaires peuvent-ils faire plus pour améliorer bien-être des animaux? 1000
- Dernières nouvelles du Sir James Dunn Animal Welfare Centre, 564
- Dernières nouvelles sur le bien-être des animaux, 290, 563
- Lancement d'une chronique sur le bien-être des animaux, 288
- Lignes directrices du CCPA, 631
- Pouvons-nous évaluer le bien-être? 749
- Transport des bestiaux non ambulatoires : nécessité d'un consensus, 667
- V est pour vétérinaire — Semaine de la vie animale, 464, 554, 636, 719

Books received
- 653

Book reviews
- A Technician's Guide to Exotic Animal Care, 155
- Anatomy of the Horse: An Illustrated Text, 3rd ed., 144
- Atlas of Diagnostic Radiology of the Horse: Diseases of the Front and Hind Limbs, 2nd Edition, 484
- Birds of Prey: Health and Disease, 3rd Edition, 827
- Clinical Atlas of Ear, Nose and Throat Diseases in Small Animals: the case based approach, 483
- Color Atlas of Veterinary Ophthalmology, 168
- Equine Breeding Management and Artificial Insemination, 332
- Equine Exercise Physiology, 913
- Equine Veterinary Nursing Manual, 229, 648
- Jasper's Day, 989
- Lactation and the Mammary Gland, 977
- Manual of Canine and Feline Haematology and Transfusion Medicine, 663
- Manual of Sheep Diseases, 2nd Edition, 489
- Revue Scientifique et Technique: Diseases of poultry: World trade and public health implications, 158
- The Elephant's Foot: Prevention and Care of Foot Conditions in Captive Asian and African Elephants, 591
- The Philosophy and Practice of Wildlife Management, 3rd Edition, 897
- Trends in Emerging Viral Infections of Swine, 1006
- Tumors in Domestic Animals, 4th Edition, 684
- Upper GI Endoscopy, 216
- Veterinary Drug Handbook, 297
- Veterinary Medicine and Practice 25 Years in the Future and the Economic Steps to Get there, 502
- Veterinary Microbiology and Microbial Disease, 986

Bovine viral diarrhea
- Diagnosis of natural exposure to bovine viral diarrhea in a vaccinated herd by measuring extended antibody titers against bovine viral diarrhea virus, 59

Bovins
- Assemblée générale annuelle de 2003 de la CCA, 468
- Les vétérinaires enthousiastes à propos du programme de santé laitière de l'OVC, 633
- Nouvelle méthode de vaccination contre les maladies respiratoires des bovins, 560
- Tuberculose bovine, 378

Ça dilate la rate!
- 321

Camelidae
- Ameloblastic odontoma in the mandible of a llama, 824

Canadian Veterinary Medical Association (CVMA)
- 2002 Annual Report of the CVMA, 541
- Bonjour! Bienvenue à Québec, 882
- Calling all members: volunteers sought for CVMA committees, 804
- Congratulations to the recipients of the 2003 CVMA Awards, 793
- CVMA at the OMVQ convention, 962
- CVMA Council elections in Ontario and Québec, 22
- CVMA E-learning course of the month, 27, 123, 202, 289
- CVMA hosting the 2008 World Veterinary Association Conference in Vancouver, 873
- CVMA supports first national feline rabies awareness campaign, 632
- Dr. Duane Landals sworn in as president, 711
- Education, licensing, and the expanding scope of veterinary practice: members express their views, 282
- Embrace the spirit of Winnipeg, 26, 116, 201, 285, 373, 462, 714
- How does your practice measure up? [benchmarking], 291, 371, 461, 556, 638, 720
- How might veterinarians do more for animal welfare? 1000
- Important notice to veterinarians — microchips for companion animals, 874
- Lab coat celebrations across the nation, 113
- Market your clinic by linking your Web site to the CVMA's national clinic finder, 23

National survey on extra-label veterinary drug use: CVMA provides expert advice to veterinary drugs directorate, 115
New CCDR editor, 874
New information available online to CVMA members, 799
Nominations solicited for CVMA awards, 970
Revised Manual on Nutrition, 804
SCVMA symposium 2003, 210
Subscribe online, 559
The CVMA: Canadian veterinarians' national and international voice, 801
The CVMA convention takes a new direction, 965
The CVMA Council — Working for you, 19
The future of CVMA: Pertinent value to Canadian doctors of veterinary medicine, 457
Translator change, 721
Veterinary education and lifelong learning: Focusing on solutions, 716

Cardiovascular system
A case of cephalothoracopagus in sheep in Trinidad and Tobago, 56
Electrocardiographic evolution in cats from birth to 30 days of age, 914
Factors influencing the development of jugular thrombophlebitis in cattle and comparison of 2 types of catheters, 399
Measurement of plasma atrial natriuretic peptide as an indicator of prognosis in dogs with cardiac disease, 293
Tetralogy of Fallot in a 2-year-old Holstein heifer, 312

Cats
A review of the physiological effects of α_2-agonists related to the clinical use of medetomidine in small animal practice, 885
Bacteriological evaluation of dog and cat diets that claim to contain probiotics, 212
Code of practice for Canadian cattery operations, 973
Common long bone fractures in small animal practice — Part 1, 333
Cutaneous fibropapilloma in a cat (feline sarcoid), 601
Electrocardiographic evolution in cats from birth to 30 days of age, 914
External coaptation of distal radius and ulna fractures, 1010
Feline urethral plugs and bladder uroliths: A review of 5484 submissions 1998–2003, 974
Hypertensive retinopathy in a cat, 147
L'asthme félin ... une maladie à vous couper le souffle!, 654
Long-term prevention of estrus in the bitch and queen using chlormadinone acetate, 416
Mammary fibroadenomatous hyperplasia in a young cat attributed to treatment with megestrol acetate, 227
Physeal dysplasia with slipped capital femoral epiphysis in a cat, 238
Salivary mucocele in a wild cat, 933
T-cell lymphoma of the tympanic bulla in a FeLV-negative cat, 987
The diagnosis of acetaminophen toxicosis in a cat, 509
Vaccine-associated fibrosarcoma in a cat, 660

Cattle
A field trial of autogenous *Moraxella bovis* bacterin administered through either subcutaneous or subconjunctival injection on the development of keratoconjunctivitis in a beef herd, 577
Antimicrobial susceptibility of hazard analysis critical control point *Escherichia coli* isolates from federally inspected beef processing plants in Alberta, Saskatchewan, and Ontario, 723
Bilateral exophthalmos in a Holstein cow with lymphosarcoma, 664
Bovine tuberculosis, 378
CCA holds 2003 Annual General Meeting, 468
Clostridium botulinum type D intoxication in a dairy herd in Ontario, 493
Comparison of a multivalent viral vaccine program versus a univalent viral vaccine program on animal health, feedlot performance, and carcass characteristics of feedlot calves, 43
Comparison of humoral immune responses in dairy heifers vaccinated with 3 different commercial vaccines against bovine viral diarrhea virus and bovine herpesvirus-1, 816
Congenital nutritional muscular dystrophy in a beef calf, 738
Dairy with bad husbandry [ethics], 787
Diabetes mellitus in a 6-month-old Charolais heifer calf, 921
Diagnosis of natural exposure to bovine viral diarrhea in a vaccinated herd by measuring extended antibody titers against bovine viral diarrhea virus, 59
Diagnosis of trichomoniasis in 'virgin' bulls by culture and polymerase chain reaction, 732
Elastrator for older bulls [ethics], 624
Evaluation of the California mastitis test to detect an intramammary infection with a major pathogen in early lactation dairy cows, 413
Factors influencing the development of jugular thrombophlebitis in cattle and comparison of 2 types of catheters, 399
Health status and risk factors associated with failure of passive transfer of immunity in newborn beef calves in Québec, 907
Investigation of an anthrax outbreak in Alberta in 1999 using a geographic information system, 315
Lactation and the Mammary Gland, 977
Mycobacterium paratuberculosis in dairy herds in Alberta, 221
New vaccine delivery system targets cattle respiratory diseases, 560
Prevalence of *Salmonella* in dairy herds in Alberta, 230
Salmonellosis in a herd of beef cows, 319
Serotypes of *Streptococcus agalactiae* cultured from dairy milk samples in Québec, 217
Sulfur-induced polioencephalomalacia in a herd of rotationally grazed beef cattle, 828
Tetralogy of Fallot in a 2-year-old Holstein heifer, 312
The effects of 3 gonadorelin products on luteinizing hormone release, ovulation, and follicular wave emergence in cattle, 125
Veterinarians enthusiastic about OVC's dairy health program, 633

Cervidae
Bovine tuberculosis in elk (*Cervus elaphus manitobensis*) near Riding Mountain National Park, Manitoba, from 1992 to 2002, 830

Chats
Code de pratiques recommandées aux pensions pour chats du Canada, 973

Chemotherapy
Age should not be a factor in determining whether or not to administer chemotherapy [letter], 9
Age should not be a factor in determining whether or not to administer chemotherapy — A reply [letter], 9

Chiens
Liste de vérification pour éviter les usines à chiots, 961
Nouveau prix pour les chiens sauveteurs, 378

Clinical chemistry
Infection of growing swine with porcine reproductive and respiratory syndrome virus and *Mycoplasma hyopneumoniae* — Effects on growth, serum metabolites, and insulin-like growth factor-I, 31

Commentaire
754

Commentary
Profile — Dr. Reginald George Thomson (1934–2002), 754

Communication étudiante
59, 62, 65, 142, 145, 147, 238, 240, 319, 322, 418, 420, 490, 493, 589, 592, 660, 664, 740, 743, 746, 828, 990, 993

Complementary and alternative veterinary medicine
Homeopaths need to show-and-tell [letter], 273
Treatment with individualized homeopathic remedies unsuccessful [letter], 273

Comptes rendus de livres
144, 155, 158, 168, 216, 229, 297, 332, 483, 484, 489, 502, 591, 648, 663, 684, 827, 897, 913, 977, 986, 989, 1006

Congenital abnormalities
A case of cephalothoracopagus in sheep in Trinidad and Tobago, 56
Cerebellar abiotrophy in a miniature schnauzer, 657
Congenital nutritional muscular dystrophy in a beef calf, 738
Tetralogy of Fallot in a 2-year-old Holstein heifer, 312

Cross-Canada disease report
Bovine tuberculosis in elk (*Cervus elaphus manitobensis*) near Riding Mountain National Park, Manitoba, from 1992 to 2002, 830
Diagnosis of sturgeon iridovirus infection in farmed white sturgeon in British Columbia, 327

Dermatologie
Fonds fiduciaire en dermatologie

Déontologie vétérinaire
11, 107, 189, 275, 363, 449, 537, 624, 703, 787, 867, 955

Dermatology
A retrospective study of 44 canine apocrine sweat gland adenocarcinomas, 38
Cutaneous fibropapilloma in a cat (feline sarcoid), 601
Dermatology trust fund, 377
Dracunculosis in a German shepherd dog, 682
Juvenile cellulitis in a puppy, 418
Medullary trichomalacia in 6 German shepherd dogs, 132
Treatment with individualized homeopathic remedies unsuccessful [letter], 273
Unilateral white line disease and laminitis in a quarter horse mare, 145

Diagnostic ophthalmology
Acute bilateral ocular proptoses and mild right pigmentary keratitis in a 5-year-old, castrated male, Japanese chin, 761
Bilateral coloboma and cortical cataracts in a 2-year-old, male German shepherd, 245
Bilateral incipient nuclear cataracts in a 7-week-old, male Labrador retriever, 603
Congenital medial canthal cyst in a 1-year-old, intact male, German shepherd, 935
Subluxated lenses, mature cataracts, and secondary glaucoma in a 5-year-old fox terrier, 427

Digestive system
A case of cephalothoracopagus in sheep in Trinidad and Tobago, 56
Ameloblastic odontoma in the mandible of a llama, 824
Cholangiohepatitis and pancreatitis secondary to severe gastroduodenal ulceration in a foal, 746
Cricopharyngeal achalasia in a dog, 993
Efficacy of a paste formulation of omeprazole for the treatment of naturally occurring gastric ulcers in training standardbred racehorses in Canada, 581
Esophageal achalasia and secondary megaesophagus in a dog, 232
Gastric ulceration in an equine neonate, 420
Laparoscopic colopexy in a horse, 586
Novel perineal approach for repair of a urethrorectal fistula in a bulldog, 822
Preliminary investigation of the probiotic potential of *Lactobacillus rhamnosus* strain GG in horses: fecal recovery following oral administration and safety, 299
Salivary mucocele in a wild cat, 933
Strangulation of the small intestines by a mesodiverticular band in 3 adult horses, 1005

Directives à l'intention des auteurs
77

Dogs
A comparison of the analgesic effects of butorphanol with those of meloxicam after elective ovariohysterectomy in dogs, 565
A retrospective study of 44 canine apocrine sweat gland adenocarcinomas, 38
A review of the physiological effects of α_2-agonists related to the clinical use of medetomidine in small animal practice, 885
Acetaminophen toxicosis in a Dalmatian, 142
Acute bilateral ocular proctoses and mild right pigmentary keratitis, 761
An evaluation of the analgesic effects of meloxicam in addition to epidural morphine/mepivacaine in dogs undergoing cranial cruciate ligament repair, 643
Bacteriological evaluation of dog and cat diets that claim to contain probiotics, 212
Bilateral incipient nuclear cataracts, 603
Bilateral lenticular coloboma and cortical cataracts, 245

Canine cranial cruciate ligament rupture in profile, 845
Cerebellar abiotrophy in a miniature schnauzer, 657
Checklist to avoid puppy mill dogs, 961
Coccidiomycosis in a dog, 159
Common long bone fractures in small animal practice — Part 1, 333
Common long bone fractures in small animal practice — Part 2, 503
Computed tomographic appearance of epidural empyema in a dog, 729
Congenital medial canthal cyst, 935
Cricopharyngeal achalasia in a dog, 993
Dracunculosis in a German shepherd dog, 682
Effects of moderate to severe osteoarthritis on canine thyroid function, 407
Effects of oral administration of meloxicam, carprofen, and a nutraceutical on thyroid function in dogs with osteoarthritis, 474
Esophageal achalasia and secondary megaesophagus in a dog, 232
External coaptation of distal radius and ulna fractures, 1010
In support of bones and raw food diets [letter], 783
In support of bones and raw food diets — A reply [letter], 783
Insulin-secreting beta cell neoplasia in a 10-year-old dog, 592
Intradural vasculitis and hemorrhage in full sibling Welsh springer spaniels, 137
Jasper's Day, 989
Juvenile cellulitis in a puppy, 418
Long-term prevention of estrus in the bitch and queen using chlormadinone acetate, 416
Measurement of plasma atrial natriuretic peptide as an indicator of prognosis in dogs with cardiac disease, 293
Medullary trichomalacia in 6 German shepherd dogs, 132
Multicentric lymphoma and disseminated coccidioidomycosis in a dog, 62
Myasthenia gravis and masticatory muscle myositis in a dog, 480
Neurologic complications following treatment of canine hypoadrenocorticism, 490
New search and rescue dog award, 378
Novel perineal approach for repair of a urethrorectal fistula in a bulldog, 822
Osteomyelitis associated with an orthopedic implant, 597
Pancreatic insulin-secreting neoplasia in a 9-year-old Afghan hound, 918
Pituitary carcinoma in an Airedale terrier, 240
Subluxated lenses, mature cataracts, and secondary glaucoma, 427
The mysterious dysplastic elbow, 673
The "Raw Diet" [ethics], 449
Treatment with individualized homeopathic remedies unsuccessful, 273
Use of computed tomography to predict the outcome of a noninvasive intranasal infusion in dogs with nasal aspergillosis, 305
What's new in orthopedics? Part 1, 71
What's new in orthopedics? Part 2, 154

Douleur

372

Drugs

A comparison of the analgesic effects of butorphanol with those of meloxicam after elective ovariohysterectomy in dogs, 565
A review of the physiological effects of α_2-agonists related to the clinical use of medetomidine in small animal practice, 885
An evaluation of the analgesic effects of meloxicam in addition to epidural morphine/mepivacaine in dogs undergoing cranial cruciate ligament repair, 643
Efficacy of a paste formulation of omeprazole for the treatment of naturally occurring gastric ulcers in training standardbred racehorses in Canada, 581
Effects of oral administration of meloxicam, carprofen, and a nutraceutical on thyroid function in dogs with osteoarthritis, 474
Long-term prevention of estrus in the bitch and queen using chlormadinone acetate, 416
Mammary fibroadenomatous hyperplasia in a young cat attributed to treatment with megestrol acetate, 227
The diagnosis of acetaminophen toxicosis in a cat, 509

Ear

T-cell lymphoma of the tympanic bulla in a FeLV-negative cat, 987

Editorial

Electronic archiving of the CVMA journals — A reality at last, 781
Electronic archiving with PubMed Central — Next steps into the future, 101
Good communication skills key to success, 621
The need to look outward, 447
Time to think outside the box, 949
What of animal cloning? 271

Éditorial

Archivage électronique des revues de l'ACMV — Enfin une réalité, 781
De bonnes habiletés de communication sont la clé du succès, 621
De la nécessité de scruter l'horizon, 447
L'archivage électronique avec PubMed Central — Les prochaines étapes, 101
Le clonage animal, 271
Il est temps de sortir des sentiers battus, 949

Emergency preparedness

Foreign animal disease outbreaks, the animal welfare implications for Canada: Risks apparent from international experience, 805

Endocrinology/Endocrine system

Cholangeohepatitis and pancreatitis secondary to severe gastroduodenal ulceration in a foal, 746
Diabetes mellitus in a 6-month-old Charolais calf, 921
Effects of moderate to severe osteoarthritis on canine thyroid function, 407
Effects of oral administration of meloxicam, carprofen, and a nutraceutical on thyroid function in dogs with osteoarthritis, 474
Infection of growing swine with porcine reproductive and respiratory syndrome virus and *Mycoplasma hyopneumoniae* — Effects on growth, serum metabolites, and insulin-like growth factor-I, 31
Insulin-secreting beta cell neoplasia in a 10-year-old dog, 592
Mammary fibroadenomatous hyperplasia in a young cat attributed to treatment with megestrol acetate, 227
Neurologic complications following treatment of canine hypoadrenocorticism, 490
Pancreatic insulin-secreting neoplasia in a 9-year-old Afghan hound, 918
The effects of 3 gonadorelin products on luteinizing hormone release, ovulation, and follicular wave emergence in cattle, 125

Équestre

Semaine équestre, 376

Euthanasia

Changing protocols surrounding euthanasia, 156

Euthanasie

L'évolution des protocoles entourant l'euthanasie, 156

Exotic species

Salivary mucocele in a wild cat, 933
Surgical removal of a mammary adenocarcinoma and a granulosa cell tumor in an African Pygmy hedgehog, 235

Faune sauvage

Cours de capture d'animaux sauvages pour les vétérinaires, 199

Food safety

Antimicrobial susceptibility of hazard analysis critical control point *Escherichia coli* isolates from federally inspected beef processing plants in Alberta, Saskatchewan, and Ontario, 723
Implementation of a validated HACCP system for the control of microbiological contamination of pig carcasses at a small abattoir, 51

Foreign animal disease

Foreign animal disease outbreaks, the animal welfare implications for Canada: Risks apparent from international experience, 805

Formation en médecine vétérinaire

380
À tous les étudiants vétérinaires au Canada, 713
Congrès de l'académie de médecine vétérinaire du Québec, 555, 722
Enseignement vétérinaire et formation continue : Mettre l'accent sur les solutions, 716
Haïti a besoin de manuels sur l'agriculture, 203
Le comportement et le bien-être des animaux font leur entrée à l'école de médecine vétérinaire d'Édimbourg, 721
La personnalité de l'heure au WCVM, 118
Le programme Global Vets du WCVM, 121
Nouveaux diplômes de l'ACVA, 290
Nouveau doyen au Western College of Veterinary Medicine, 281
Nouveau président de la pathobiologie à l'OVC, 876
Nouveau programme de maîtrise en sciences vétérinaires à l'AVC, 120
Nouvelle présidente au bureau national des examinateurs, 465
Nouvelles de l'AVC Lobster Science Centre de l'AVC, 968
Prix des finissants du WCVM, 631
Réunion du 40e anniversaire à l'OVC, 209
Tarif spécial d'abonnement estival pour les étudiants canadiens en médecine vétérinaire, 284
Un fonds de conférences et un banquet pour un professeur, 370
Un vétérinaire nommé recteur de l'Université de Guelph, 367

Genetics

Cerebellar abiotrophy in a miniature schnauzer, 657
Intradural vasculitis and hemorrhage in full sibling Welsh springer spaniels, 137
Medullary trichomalacia in 6 German shepherd dogs, 132

Gestion d'une clinique vétérinaire

Collégialité, 1008
En quoi consiste le rôle de mentor? 758
L'évolution des protocoles entourant l'euthanasie, 156
Les affaires de cœur — Les contrats de mariage pour les professionnels, 83
Les vétérinaires et le plan d'entreprise — Première partie, 330
Les vétérinaires et le plan d'enterprise — Deuxième partie, 500
Pourquoi une bonne clinique fait appel aux ressources traditionnelles et nouvelles, 923
Qu'y a-t-il dans un nom? 680

Goat

Trachael collapse in an adult goat, 835

Gouvernement

La direction des médicaments vétérinaires suspend temporairement l'enquête pancanadienne portant sur l'utilisation de médicaments chez les animaux, 963
La DMV célèbre son premier anniversaire, 28
Loi sur les espèces en péril, 204
Nouvelle VP à l'ACIA, 875
Réunion de réseautage des travailleurs en laboratoire, 800
Un nouveau président à l'ACIA, 23

Government

CFIA gets new VP, 875
Laboratorians network meeting, 800
New president at CFIA, 23
Species at Risk Act, 204
VDD celebrates its 1st anniversary, 28
Veterinary Drug Directorate temporarily suspends national study of drug use in animals, 963

Herd health management

Comparison of a multivalent viral vaccine program versus a univalent viral vaccine program on animal health, feedlot performance, and carcass characteristics of feedlot calves, 43
Dairy with bad husbandry [ethics], 787
Evaluation of the California mastitis test to detect an intramammary infection with a major pathogen in early lactation dairy cows, 413
Relationship between group A porcine rotavirus and management practices in swine herds in Ontario, 649

Histoire vétérinaire

67
L'Ordre des médecins vétérinaires du Québec célèbre son centenaire, 151

INDEX 2003

Horses
- Cholangiohepatitis and pancreatitis secondary to severe gastroduodenal ulceration in a foal, 746
- Efficacy of a paste formulation of omeprazole for the treatment of naturally occurring gastric ulcers in training standardbred racehorses in Canada, 581
- Évolution de la résistance bactérienne envers certains agents antibactériens chez les chevaux dans un centre hospitalier vétérinaire, 978
- Gastric ulceration in an equine neonate, 420
- Horse Week, 376
- Investigation of an anthrax outbreak in Alberta in 1999 using a geographic information system, 315
- Laparoscopic colopexy in a horse, 586
- Malignant giant cell tumor of soft parts in a mare, 743
- *Ontario Equine Infectious Disease Report* now available to equine practitioners throughout Canada [letter], 953
- Osteochondrosis of the occipital condyles and atlanto-occipital dysplasia in a Belgian horse, 984
- Ovarian hematoma in an 11-year-old Thoroughbred-Hanovarian mare, 589
- Preliminary investigation of the probiotic potential of *Lactobacillus rhamnosus* strain GG in horses: fecal recovery following oral administration and safety, 299
- Protein-losing enteropathy caused by *Lawsonia intracellularis* in a weanling foal, 65
- Strangulation of the small intestines by a mesodiverticular band in 3 adult horses, 1005
- Temporohyoid osteoarthropathy and unilateral facial nerve paralysis in a horse, 990
- The effect of perineural anesthesia on infrared thermographic images of the forelimb digits of normal horses, 392
- Transmural rectal intestinal evisceration associated with parturition in a primiparous mare, 740
- Unilateral white line disease and laminitis in a quarter horse mare, 145
- West Nile virus encephalomyelitis in horses in Ontario: 28 cases, 469

Immunology
- Comparison of humoral immune responses in dairy heifers vaccinated with 3 different commercial vaccines against bovine viral diarrhea virus and bovine herpesvirus-1, 816
- Health status and risk factors associated with failure of passive transfer of immunity in newborn beef calves in Québec, 907

Industry news
- 208, 636, 883

Instructions for authors
- 73

International news
- 2003 meeting of the International Veterinary Officers Council (IVOC), 553
- CVJ columnist named to AAHA board, 559
- Instruction materials needed in Thailand, 882
- Ontario hospital honored, 562

Intoxication
- Acetaminophen toxicosis in a Dalmatian, 142
- *Clostridium botulinum* type D intoxication in a dairy herd in Ontario, 493
- Sulfur-induced polioencephalomalacia in a herd of rotationally grazed beef cattle, 828
- Survey of the status of copper, interacting minerals, and vitamin E levels in the livers of sheep in Ontario, 898
- The diagnosis of acetaminophen toxicosis in a cat, 509

Johne's disease
- *Mycobacterium paratuberculosis* in dairy herds in Alberta, 239

L'art de la pratique vétérinaire privée
- Communication praticien-client : lorsque les buts divergent, 675
- Considérations pratiques de l'attachement : Reconnaître les contraintes de temps des clients, 838
- Considérations pratiques de l'attachement : reconnaître les limites financières des clients, 996
- Nouvelle rubrique sur la communication client-patient, 639

L'Association canadienne des medécins vétérinaires (ACMV)
- Abonnez-vous en ligne, 559
- Appel à tous les membres : Bénévoles recherchés pour les comités de l'ACMV, 804
- Appel de candidatures pour les prix de l'ACMV, 970
- Avis important aux vétérinaires concernant les puces électroniques pour animaux de compagnie, 874
- Bonjour! Bienvenue à Québec, 882
- Cérémonies de remise des sarraus aux quatre collèges, 113
- Changement au poste de traducteur, 721
- Changement de cap pour le congrès l'ACMV, 965
- Comment les vétérinaires peuvent-ils faire plus pour améliorer le bien-être des animaux? 1000
- Comment votre clinique se compare-t-elle aux autres? 291, 371, 461, 556, 638, 720
- Cours du mois dans le Web, 27, 123, 202, 289
- Élections des représentants au conseil en Ontario et au Québec, 22
- Enquête nationale sur l'emploi dérogatoire de médicaments vétérinaires : Conseils experts de l'ACMV à la DMV, 115
- Enseignement vétérinaire et formation continue : Mettre l'accent sur les solutions, 716
- Faites connaître votre clinique en liant votre site Web au répertoire national de l'ACMV, 23
- Félicitations aux lauréats de 2003 des prix de l'ACMV, 793
- L'ACMV accueillera le congrès 2008 de la World Veterinary Association à Vancouver, 873
- L'ACMV appuie la première campagne de sensibilisation nationale sur la rage féline, 632
- L'ACMV au congrès de l'OMVQ, 962
- L'ACMV : Porte-parole national et international des vétérinaires canadiens, 801
- L'ACMV représentée au congrès de l'OVMA, 292
- L'ACMV : Une valeur sûre pour les médecins vétérinaires canadiens, 457
- La formation, l'agrément et l'élargissement de la portée de la médecine vétérinaire : Les membres donnent leur avis, 282
- Le Conseil de l'ACMV agit pour vous, 19
- Le Dr Duane Landals prête serment comme président, 711
- Nouveaux renseignements en ligne pour les membres de l'ACMV, 799
- Nouvelle rédactrice de la rubrique RMDC, 874
- Nouvelles des EACMV, 25
- Plongez-vous dans l'ambiance de Winnipeg, 26, 116, 201, 286, 374, 463, 714
- Rapport annuel de 2002 de l'ACMV, 541
- Révision d'un manuel vétérinaire sur la nutrition, 804
- Symposium de 2003 des EACMV, 210

Le bulletin du doyen
- 287, 877

Le coin des pathologistes
- 509, 601

Le coin des praticiens
- 159, 597, 682, 835, 933

Le tour des provinces
- 24, 205, 375, 466, 641, 880, 971

Letters to the editor
- Advantages of having a practice Web site, 105
- Age should not be a factor in determining whether or not to administer chemotherapy, 9
- Age should not be a factor in determining whether or not to administer chemotherapy — A reply, 9
- Fact over opinion, 954
- Fact over opinion — A reply, 954
- Gender in veterinary medicine, 863
- Gender in veterinary medicine — A reply, 864
- Homeopaths need to show-and-tell, 273
- In support of bones and raw food diets, 783
- In support of bones and raw food diets — A reply, 783
- *Ontario Equine Infectious Disease Report* now available to equine practitioners throughout Canada, 953
- Relating to your clients on their turf, 953
- Treatment with individualized homeopathic remedies unsuccessful, 273
- Veterinarians' salaries: Gender differences real or imagined? 864
- Veterinarians' salaries: Gender differences real or imagined? — A reply, 865

Lettres à la redaction
- 9, 105, 273, 783, 863, 864, 865, 953, 954

Liver
- Cholangiohepatitis and pancreatitis secondary to severe gastroduodenal ulceration in a foal, 746
- Survey of the status of copper, interacting minerals, and vitamin E levels in the livers of sheep in Ontario, 898

Livres reçus
- 653

Mammary gland
- Evaluation of the California mastitis test to detect an intramammary infection with a major pathogen in early lactation dairy cows, 413
- Mammary fibroadenomatous hyperplasia in a young cat attributed to treatment with megestrol acetate, 227

Mastitis
- Evaluation of the California mastitis test to detect an intramammary infection with a major pathogen in early lactation dairy cows, 413

Médecine vétérinaire parallèle
- 273

Médicaments vétérinaires
- 227, 416, 474, 509, 565, 581, 643, 885

Mot du président
- La confiance en soi et la compétence des diplômés récents : y a-t-il un problème? 359
- Le «côté positif,» 701
- L'exercice prospère de la médecine vétérinaire — Invitation à comparer votre clinique, 183
- Le leadership en des temps tumultueux, 861
- Les sexes et la médecine vétérinaire, 533
- Recrutement et rétention de vétérinaires dans la pratique des animaux destinés à l'alimentation : nous avons tous un rôle à jouer, 5

Musculoskeletal system
- An evaluation of the analgesic effects of meloxicam in addition to epidural morphine/mepivacaine in dogs undergoing cranial cruciate ligament repair, 643
- Canine cranial cruciate ligament rupture in profile, 845
- Common long bone fractures in small animal practice — Part 1, 333
- Common long bone fractures in small animal practice — Part 2, 503
- Congenital nutritional muscular dystrophy in a beef calf, 738
- Effects of moderate to severe osteoarthritis on canine thyroid function, 407
- Effects of oral administration of meloxicam, carprofen, and a nutraceutical on thyroid function in dogs with osteoarthritis, 474
- External coaptation of distal radius and ulna fractures, 1010
- Hip dysplasia in a 6-year-old Salz ram, 140
- Myasthenia gravis and masticatory muscle myositis in a dog, 480
- Osteochondrosis of the occipital condyles and atlanto-occipital dysplasia in a Belgian horse, 984
- Osteomyelitis associated with an orthopedic implant, 597
- Physeal dysplasia with slipped capital femoral epiphysis in a cat, 238
- Temporohyoid osteoarthropathy and unilateral facial nerve paralysis in a horse, 990
- The mysterious dysplastic elbow, 673
- Unilateral white line disease and laminitis in a quarter horse mare, 145
- What's new in orthopedics? Part 1, 71
- What's new in orthopedics? Part 2, 154

Mycology
- Coccidiomycosis in a dog, 159
- Multicentric lymphoma and disseminated coccidioidomycosis in a dog, 62
- Use of computed tomography to predict the outcome of a noninvasive intranasal infusion in dogs with nasal aspergillosis, 305

Mycoplasma
- Infection of growing swine with porcine reproductive and respiratory syndrome virus and *Mycoplasma hyopneumoniae* — Effects on growth, serum metabolites, and insulin-like growth factor-I, 31

Retrospective analysis of etiologic agents associated with respiratory diseases in pigs, 735

Nécrologie
124, 379, 562, 640, 884

Neoplasia
A retrospective study of 44 canine apocrine sweat gland adenocarcinomas, 38
Age should not be a factor in determining whether or not to administer chemotherapy [letter], 9
Age should not be a factor in determining whether or not to administer chemotherapy — A reply [letter], 9
Ameloblastic odontoma in the mandible of a llama, 824
Bilateral exophthalmos in a Holstein cow with lymphosarcoma, 664
Insulin-secreting beta cell neoplasia in a 10-year-old dog, 592
Malignant giant cell tumor of soft parts in a mare, 743
Multicentric lymphoma and disseminated coccidioidomycosis in a dog, 62
Pancreatic insulin-secreting neoplasia in a 9-year-old Afghan hound, 918
Pituitary carcinoma in an Airedale terrier, 240
Surgical removal of a mammary adenocarcinoma and a granulosa cell tumor in an African Pygmy hedgehog, 235
T-cell lymphoma of the tympanic bulla in a FeLV-negative cat, 987
Vaccine associated fibrosarcoma in a cat, 660

Nervous system
Cerebellar abiotrophy in a miniature schnauzer, 657
Computed tomographic appearance of epidural empyema in a dog, 729
Intradural vasculitis and hemorrhage in full sibling Welsh springer spaniels, 137
Myasthenia gravis and masticatory muscle myositis in a dog, 480
Neurologic complications following treatment of canine hypoadrenocorticism, 490
Sulfur-induced polioencephalomalacia in a herd of rotationally grazed beef cattle, 828
Temporohyoid osteoarthropathy and unilateral facial nerve paralysis in a horse, 990
West Nile virus encephalomyelitis in horses in Ontario: 28 cases, 469

New Products
557, 634, 722, 879

News
19–30, 113–124, 199–211, 281–292, 367–379, 457–468, 553–564, 631–642, 711–722, 793–804, 873–884, 961–973

Nouveaux produits
557, 634, 722, 879

Nouvelles
19–30, 113–124, 199–211, 281–292, 367–379, 457–468, 553–564, 631–642, 711–722, 793–804, 873–884, 961–973

Nouvelles de l'industrie
208, 636, 883

Nouvelles internationales
Chroniqueur de la RVC nommé au Conseil de l'AAHA, 559
Hôpital ontarien récompensé, 562
Matériel pédagogique requis en Thaïlande, 882
Réunion de 2003 de l'International Veterinary Officers Council (IVOC), 553

Nutrition
Bacteriological evaluation of dog and cat diets that claim to contain probiotics, 212
Congenital nutritional muscular dystrophy in a beef calf, 738
Evaluation of deficiencies in labeling of commercial probiotics, 982
Feline urethral plugs and bladder uroliths: A review of 5484 submissions 1998–2003, 974
Growth performance of pigs fed diets with and without tylosin phosphate supplementation and reared in a biosecure all-in all-out housing system, 571
In support of bones and raw food diets [letter], 783
In support of bones and raw food diets — A reply [letter], 783
Preliminary investigation of the probiotic potential of *Lactobacillus rhamnosus* strain GG in horses: fecal recovery following oral administration and safety, 299
The "Raw Diet" [ethics], 449
Survey of the status of copper, interacting minerals, and vitamin E levels in the livers of sheep in Ontario, 898

Obituaries
124, 379, 562, 640, 884

Ophtalmologie diagnostique
245, 427, 603, 761, 935

Ophthalmology
A field trial of autogenous *Moraxella bovis* bacterin administered through either subcutaneous or subconjunctival injection on the development of keratoconjunctivitis in a beef herd, 577
Bilateral exophthalmos in a Hostein cow with lymphosarcoma, 664
Hypertensive retinopathy in a cat, 147

Orthopedic surgery
An evaluation of the analgesic effects of meloxicam in addition to epidural morphine/mepivacaine in dogs undergoing cranial cruciate ligament repair, 643
Osteomyelitis associated with an orthopedic implant, 597

Orthopedics
Canine cranial cruciate ligament rupture in profile, 845
Common long bone fractures in small animal practice — Part 1, 333
Common long bone fractures in small animal practice — Part 2, 503
External coaptation of distal radius and ulna fractures, 1010
Physeal dysplasia with slipped capital femoral epiphysis in a cat, 238
The mysterious dysplastic elbow, 673
What's new in orthopedics? Part 1, 71
What's new in orthopedics? Part 2, 154

Orthopédie
154, 333, 503, 673, 845, 1010

Pain
Academy for animal pain management, 372

Parasitology
Diagnosis of trichomoniasis in 'virgin' bulls by culture and polymerase chain reaction, 732
Dracunculosis in a German shepherd dog, 682
Presumptive *Toxoplasma gondii* abortion in a sheep, 322
Protein-losing enteropathy caused by *Lawsonia intracellularis* in a weanling foal, 65

Pathologists' corner
Cutaneous fibropapilloma in a cat (feline sarcoid), 601
The diagnosis of acetaminophen toxicosis in a cat, 509

Pigs
Canadian receives American swine award, 369
Funding announced, 22
Growth performance of pigs fed diets with and without tylosin phosphate supplementation and reared in a biosecure all-in all-out housing system, 571
Implementation of a validated HACCP system for the control of microbiological contamination of pig carcasses at a small abattoir, 51
Infection of growing swine with porcine reproductive and respiratory syndrome virus and *Mycoplasma hyopneumoniae* — Effects on growth, serum metabolites, and insulin-like growth factor-I, 31
Relationship between group A porcine rotavirus and management practices in swine herds in Ontario, 649
Retrospective analysis of etiologic agents associated with respiratory diseases in pigs, 735
Trends in Emerging Viral Infections of Swine, 1006

Porcs
31, 51, 571, 649, 735, 1006
Financement, 22
Un Canadien reçoit un prix, 369

Practitioners' corner
Coccidiomycosis in a dog, 159
Dracunculosis in a German shepherd dog, 682
Osteomyelitis associated with an orthopedic implant, 597
Salivary mucocele in a wild cat, 933
Tracheal collapse in an adult goat, 835

President's message
Confidence and competence of recent veterinary graduates — Is there a problem? 359
Gender and veterinary medicine, 533
Leadership in troubled times, 861
Recruitment and retention of veterinarians in food animal practice — we all have a role to play, 5
"The silver lining," 701
The successful practice of veterinary medicine — an invitation to benchmark your practice, 183

Production limiting diseases
Diagnosis of natural exposure to bovine viral diarrhea in a vaccinated herd by measuring extended antibody titers against bovine viral diarrhea virus, 59
Mycobacterium paratuberculosis in dairy herds in Alberta, 230

Public health
Antimicrobial susceptibility of hazard analysis critical control point *Escherichia coli* isolates from federally inspected beef processing plants in Alberta, Saskatchewan, and Ontario, 723
Implementation of a validated HACCP system for the control of microbiological contamination of pig carcasses at a small abattoir, 51

Quiz corner
15, 111, 193, 278, 453, 539, 628, 705, 789, 870, 957

Rapport des maladies diagnostiquées au Canada
327

Rapport spécial
805, 832

Recherche
Appel de propositions, 204
L'imagerie biomédicale et la recherche sur les traitements au Centre canadien de rayonnement synchrotron, 966

Report card from the dean
287, 877

Reproduction/reproductive system
A comparison of the analgesic effects of butorphanol with those of meloxicam after elective ovariohysterectomy in dogs, 565
Diagnosis of trichomoniasis in 'virgin' bulls by culture and polymerase chain reaction, 732
Elastrator for older bulls [ethics], 624
Long-term prevention of estrus in the bitch and queen using chlormadinone acetate, 416
Ovarian hematoma in an 11-year-old Thoroughbred-Hanoverian mare, 589
Presumptive *Toxoplasma gondii* abortion in a sheep, 322
The effects of 3 gonadorelin products on luteinizing hormone release, ovulation, and follicular wave emergence in cattle, 125
Transmural rectal intestinal evisceration associated with parturition in a primiparous mare, 740

Research
Call for project proposals, 204
The biomedical imaging and therapy research beamline at the Canadian Light Source, 966

Résistance aux antibiotiques
571, 703, 723, 978

Respiratory system
A case of cephalothoracopagus in sheep in Trinidad and Tobago, 56
Infection of growing swine with porcine reproductive and respiratory syndrome virus and *Mycoplasma hyopneumoniae* — Effects on growth, serum metabolites, and insulin-like growth factor-I, 31
L'asthme félin ... une maladie à vous couper le souffle! 654
Retrospective analysis of etiologic agents associated with respiratory diseases in pigs, 735
Tracheal collapse in an adult goat, 835
Use of computed tomography to predict the outcome of a noninvasive intranasal infusion in dogs with nasal aspergillosis, 305

Review article
A review of the physiological effects of α_2-agonists related to the clinical use of medetomidine in small animal practice, 885

Salubrité alimentaire
51, 723

Serology
Diagnosis of natural exposure to bovine viral diarrhea in a vaccinated herd by measuring extended antibody titers against bovine viral diarrhea virus, 59
Serotypes of *Streptococcus agalactiae* cultured from dairy milk samples in Québec, 217

Sheep
A case of cephalothoracopagus in sheep in Trinidad and Tobago, 56
Hip dysplasia in a 6-year-old Salz ram, 140
Presumptive *Toxoplasma gondii* abortion in a sheep, 322
Survey of the status of copper, interacting minerals, and vitamin E levels in the livers of sheep in Ontario, 898

Slaughter
Implementation of a validated HACCP system for the control of microbiological contamination of pig carcasses at a small abattoir, 51

Special Report
Foreign animal disease outbreaks, the animal welfare implications for Canada: Risks apparent from international experience, 805
The 2nd Meeting of the Canadian Animal Health Laboratorians Network, 832

Student papers
Acetaminophen toxicosis in a Dalmatian, 142
Bilateral exophthalmos in a Holstein cow with lymphosarcoma, 664
Cholangiohepatitis and pancreatitis secondary to severe gastroduodenal ulceration in a foal, 746
Clostridium botulinum type D intoxication in a dairy herd in Ontario, 493
Cricopharyngeal achalasia in a dog, 993
Diabetes mellitus in a 6-month-old Charolais heifer calf, 921
Diagnosis of natural exposure to bovine viral diarrhea in a vaccinated herd by measuring extended antibody titers against bovine viral diarrhea virus, 59
Gastric ulceration in an equine neonate, 420
Hypertensive retinopathy in a cat, 147
Insulin-secreting beta cell neoplasia in a 10-year-old dog, 592
Juvenile cellulitis in a puppy, 418
Malignant giant cell tumor of soft parts in a mare, 743
Multicentric lymphoma and disseminated coccidioidomycosis in a dog, 62
Neurologic complications following treatment of canine hypoadrenocorticism, 490
Ovarian hematoma in an 11-year-old Thoroughbred-Hanovarian mare, 589
Pancreatic insulin-secreting neoplasia in a 9-year-old Afghan hound, 918
Physeal dysplasia with slipped capital femoral epiphysis in a cat, 238
Pituitary carcinoma in an Airedale terrier, 240
Presumptive *Toxoplasma gondii* abortion in a sheep, 322
Protein-losing enteropathy caused by *Lawsonia intracellularis* in a weanling foal, 65
Salmonellosis in a herd of beef cows, 319
Sulfur-induced polioencephalomalacia in a herd of rotationally grazed beef cattle, 828
Temporohyoid osteoarthropathy and unilateral facial nerve paralysis in a horse, 990
Transmural rectal intestinal evisceration associated with parturition in a primiparous mare, 740
Unilateral white line disease and laminitis in a quarter horse mare, 145
Vaccine-associated fibrosarcoma in a cat, 660

Surgery
A comparison of the analgesic effects of butorphanol with those of meloxicam after elective ovariohysterectomy in dogs, 565
Ameloblastic odontoma in the mandible of a llama, 824
An evaluation of the analgesic effects of meloxicam in addition to epidural morphine/mepivacaine in dogs undergoing cranial cruciate ligament repair, 643
Cricopharyngeal achalasia in a dog, 993
Esophageal achalasia and secondary megaesophagus in a dog, 232
External coaptation of distal radius and ulna fractures, 1010
Laparoscopic colopexy in a horse, 586
Novel perineal approach for repair of a urethrorectal fistula in a bulldog, 822
Osteomyelitis associated with an orthopedic implant, 597
Physeal dysplasia with slipped capital femoral epiphysis in a cat, 238
Strangulation of the small intestines by a mesodiverticular band in 3 adult horses, 1005
Surgical removal of a mammary adenocarcinoma and a granulosa cell tumor in an African Pygmy hedgehog, 235

Test éclair
15, 111, 193, 278, 453, 539, 628, 705, 789, 870, 957

The Art of Private Veterinary Practice
New column explores client-patient communication, 639
Practical bond considerations: Acknowledging clients' financial limits, 996
Practical bond considerations: Acknowledging clients' time constraints, 838
Practitioner-client communication: When goals conflict, 675

The funny file
321

Transportation
Nonambulatory livestock transport: The need for consensus, 667

Urogenital system
A case of cephalothoracopagus in sheep in Trinidad and Tobago, 56
Feline urethral plugs and bladder uroliths: A review of 5484 submissions 1998–2003, 974
Novel perineal approach for repair of a urethrorectal fistula in a bulldog, 822

Vaccination
Comparison of a multivalent viral vaccine program versus a univalent viral vaccine program on animal health, feedlot performance, and carcass characteristics of feedlot calves, 43
Comparison of humoral immune responses in dairy heifers vaccinated with 3 different commercial vaccines against bovine viral diarrhea virus and bovine herpesvirus-1, 816
Diagnosis of natural exposure to bovine viral diarrhea in a vaccinated herd by measuring extended antibody titers against bovine viral diarrhea virus, 59
Investigation of an anthrax outbreak in Alberta in 1999 using a geographic information system, 315
Vaccine-associated fibrosarcoma in a cat, 660

Vaccines
Comparison of humoral immune responses in dairy heifers vaccinated with 3 different commercial vaccines against bovine viral diarrhea virus and bovine herpesvirus-1, 816

Veterinary history
The Ordre des médecins vétérinaires du Québec celebrates its centennial, 151
Veterinarians, the Royal Society of Canada, and the future of veterinary medicine: Part 2, 67

Veterinary medical education
40th OVC reunion, 209
Agriculture textbooks needed for Haiti, 203
Applied animal behavior and welfare comes to the veterinary school at Edinburgh, 721
Convention of the Académie de médecine vétérinaire du Québec, 555, 722
Employer and new graduate satisfaction with new graduate performance in the workplace within the first year following convocation from the Ontario Veterinary College, 380
Fund, lectures and banquet celebrate professor, 370
Master's in veterinary science now offered at AVC, 120
New ACVA diplomates named, 290
New chair of pathobiology at OVC, 876
New chair of the National Examining Board, 465
New dean of WCVM announced, 281
News from the AVC Lobster Science Centre at the AVC, 968
Summer subscription special for Canadian veterinary students, 284
To all Canadian veterinary students, 713
Veterinary education and lifelong learning: Focusing on solutions, 716
Veterinarian named new president of Guelph, 367
WCVM Global Vets, 121
WCVM graduation awards, 631
WCVM's man of the hour, 188

Veterinary medical ethics
Client publishing your antihelminthic regimen without permission, 275
Client seeking antibiotic in feed, 703
Dairy with bad husbandry, 787
Elastrator for older bulls, 624
Fact over opinion [letter], 954
Fact over opinion — A reply [letter], 954
Funding animals for continuing education, 867
Released time for voting, jury duty, etc., 537
Sharing new prevention and treatment regimens, 11
The "Raw Diet", 450
Veterinarians treating unowned animals and euthanizing unwanted animals, 363
Veterinary "Nurse Practitioners," 107
When a veterinarian can render medical assistance to people, 189
Whether veterinarians should support activist groups, 955

Veterinary medical imaging
Computed tomographic appearance of epidural empyema in a dog, 729
Electrocardiographic evolution in cats from birth to 30 days of age, 914
The effect of perineural anesthesia on infrared thermographic images of the forelimb digits of normal horses, 392
Use of computed tomography to predict the outcome of a noninvasive intranasal infusion in dogs with nasal aspergillosis, 305

Veterinary practice management
Affairs of the heart — Marriage contracts for professionals, 83
Changing protocols surrounding euthanasia, 156
Collegeality, 1008
Good practice means using established and emerging resource bases, 923
The emerging role of business plans for veterinarians — Part 1, 330
The emerging role of business plans for veterinarians — Part 2, 500
What is mentorship? 758
What's in a name? 680

Veterinary private practice
Employer and new graduate satisfaction with new graduate performance in the workplace within the first year following convocation from the Ontario Veterinary College, 380

Virology
Diagnosis of sturgeon iridovirus infection in farmed white sturgeon in British Columbia, 327
Infection of growing swine with porcine reproductive and respiratory syndrome virus and *Mycoplasma hyopneumoniae* — Effects on growth, serum metabolites, and insulin-like growth factor-I, 31
Relationship between group A porcine rotavirus and management practices in swine herds in Ontario, 649
Retrospective analysis of etiologic agents associated with respiratory diseases in pigs, 735
Veterinary Microbiology and Microbial Disease, 986
West Nile virus encephalomyelitis in horses in Ontario: 28 cases, 46

Wildlife
Wildlife capture course for veterinarians, 199